

### ABSTRACT

An oven lock mechanism has a latch that is moved between an unlatched and a latched position in response to movement of the door from an open to a closed position and a motor that turns a cam acting as a blocker to block the latch in the latched position when a cleaning cycle is initiated. The rotation of the cam also induces movement of the latch to cause the latch to pull the door in closer to the frame of the oven.